



April 2, 2003

Paul Plato
GeoTrans
4665 S. Ash Avenue, Suite G-1
Tempe, AZ 85285



Re: Western Ave.

Dear Paul:

Enclosed are the results of the samples submitted to our laboratory on March 14, 2003. For your reference, these analyses have been assigned our service request number X2300223.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Columbia Analytical Services, Inc. is certified for environmental analyses by the Arizona Department of Health Services (Certificate #AZ0497).

Please call if you have any questions. My extension is 223.

Respectfully submitted,

Columbia Analytical Services, Inc.

A handwritten signature in black ink that reads "Tracy L. Dutton".

Tracy L. Dutton
Laboratory Director

TLD/lm

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COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GeoTrans	Service Request No.:	X2300223
Project:	Western Ave.	Date Received:	3/14/03
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for sample(s) designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Surrogate recoveries have been reported for all applicable organic analyses. Additional quality control analyses reported herein include: Matrix/Duplicate Matrix Spike (MS/DMS) and Laboratory Control Sample (LCS).

All EPA recommended holding times have been met for analyses in this sample delivery group.

The following difficulties were experienced during analysis of this batch:

The associated blank spike (XWG0300410-3 and XWG0300410-4) recovery of Bromochloromethane, Dibromomethane, and 1,2,3-Trichloropropane, Method 8260B, was above laboratory acceptance limits. These compounds were not detected in any of the samples analyzed in this batch.

Matrix spike (XWG0300406-1 and XWG0300406-2) recovery of Dichlorofluoromethane, Vinyl Chloride, and 2-Butanone (MEK), Method 8260B, was low. The method control sample recovery was acceptable.

MS/DMS (XWG0300406-1 and XWG0300406-2) RPD for Acetone, Method 8260B, exceeded the laboratory control limit. Recovery met acceptance criteria.

Matrix spike (XWG0300406-1 and XWG0300406-2) recovery of 1,2-Dichloropropane, Dibromomethane, and Hexachlorobutadiene, Method 8260B, was high. The method control sample recovery was acceptable.

Matrix spike (XWG0300410-1 and XWG0300410-2) recovery of Dichlorofluoromethane, Chloromethane, and Vinyl Chloride, Method 8260B, was low. The method control sample recovery was acceptable.

Matrix spike (XWG0300410-1 and XWG0300410-2) recovery of Trichloroethane, 1,2-Dichloropropane, and Hexachlorobutadiene, Method 8260B, was high. The method control sample recovery was acceptable.

The accuracy of the spike (XWG0300410-1) recovery value of Tetrachloroethene, Method 8260B, is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.

The associated blank spike (XWG0300406-4) recovery of Bromochloromethane, Method 8260B, was above laboratory acceptance limits. These compounds were not detected in any of the samples analyzed in this batch.

Approved by _____

JW Date 4-2-03

000002

ARIZONA DATA QUALIFIERS

Method Blank:

- B1 Target analyte detected in method blank at or above the method reporting limit.
- B2 Non-target analyte detected in method blank and sample, producing interference.
- B3 Target analyte detected in calibration blank at or above the method reporting limit.
- B4 Target analyte detected in blank at/above method acceptance criteria.

Confirmation:

- C1 Confirmatory analysis not performed as required by the method.
- C2 Confirmatory analysis not performed. Confirmation of analyte presence established by site historical data.
- C3 Qualitative confirmation performed. See case narrative.
- C4 Confirmatory analysis was past holding time.
- C5 Confirmatory analysis was past holding time. Original result not confirmed.

Dilution:

- D1 Sample required dilution due to matrix interference. See case narrative.
- D2 Sample required dilution due to high concentration of target analyte.
- D3 Sample dilution required due to insufficient sample.
- D4 Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.

Estimated concentration:

- E1 Concentration estimated. Analyte exceeded calibration range. Reanalysis not possible due to insufficient sample.
- E2 Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix.
- E3 Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.
- E4 Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
- E5 Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL), but not confirmed by alternate analysis.
- E6 Confirmation estimated. Internal standard recoveries did not meet method acceptance criteria.
- E7 Confirmation estimated. Internal standard recoveries did not meet laboratory acceptance criteria.

Hold Time:

- H1 Sample analysis performed past holding time. See case narrative.
- H2 Initial analysis within holding time. Reanalysis for the required dilution was past holding time.
- H3 Sample was received and analyzed past holding time.
- H4 Sample was extracted past required extraction holding time, but analyzed within analysis holding time. See case narrative.

BOD:

- K1 The sample dilutions set-up for the BOD analysis did not meet the oxygen depletion criteria of at least 2mg/L. Any reported result is an estimated value.
- K2 The sample dilutions set up for the BOD analysis did not meet the criteria of a residual dissolved oxygen of at least 1 mg/L. Any reported result is an estimated value.
- K3 The seed depletion was outside the method acceptance limits.

- K4 The seed depletion was outside the method and laboratory acceptance limits. The reported result is an estimated value.
- K5 The dilution water D.O. depletion was >0.2 mg/L.
- K6 Glucose/glutamic acid BOD was below method acceptance criteria.
- K7 The discrepancy between the BOD and COD results has been verified by reanalysis of the sample for COD.

Laboratory fortified blank/blank spike:

- L1 The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
- L2 The associated blank spike recovery was below laboratory acceptance limits. See case narrative.
- L3 The associated blank spike recovery was above method acceptance limits. See case narrative.
- L4 The associated blank spike recovery was below method acceptance limits. See case narrative.

Note: The L1, L2, L3, & L4 footnotes need to be added to all corresponding analytes for a sample.

Matrix spike:

- M1 Matrix spike recovery was high, the method control sample recovery was acceptable.
- M2 Matrix spike recovery was low, the method control sample was acceptable.
- M3 The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
- M4 The analysis of the spiked sample required a dilution such that the spike concentrations was diluted below the reporting limit. The method control sample recovery was acceptable.
- M5 Analyte concentration was determined by the method of standard addition (MSA).

General:

- N1 See case narrative.
- N2 See corrective action report.

Sample quality:

- Q1 Sample integrity was not maintained. See case narrative.
- Q2 Sample received with head space.
- Q3 Sample received with improper chemical preservation.
- Q4 Sample received and analyzed without chemical preservation.
- Q5 Sample received with inadequate chemical preservation, but preserved by the laboratory.
- Q6 Sample was received above recommended temperature.
- Q7 Sample inadequately dechlorinated.
- Q8 Insufficient sample received to meet QC requirements. QC requirements satisfy ADEQ policies 0154 and 0155.
- Q9 Insufficient sample received to meet QC requirements.
- Q10 Sample received in inappropriate sample container.
- Q11 Sample is heterogeneous. Sample homogeneity could not be readily achieved using routine laboratory practices.

Duplicates:

- R1 RPD exceeded the method control limit. See case narrative.
- R2 RPD exceeded the laboratory control limit. See case narrative.
- R3 Sample RPD between the primary and confirmatory analysis exceeded 40%. Per Method 8000B, the higher value was reported.
- R4 MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
- R5 MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
- R6 LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- R7 LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.

- R8 Sample RPD exceeded the method control limit.
R9 Sample RPD exceeded the laboratory control limit.

Surrogate:

- S1 Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits.
S2 Surrogate recovery was above laboratory and method acceptance limits.
S3 Surrogate recovery was above laboratory acceptance limits, but within method acceptance limits. No target analytes were detected in the sample.
S4 Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S5 Surrogate recovery was below laboratory acceptance limits, but within method acceptance limits.
S6 Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.
S7 Surrogate recovery was below laboratory and method acceptance limits. Unable to confirm matrix effect.
S8 The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. The method control sample recovery was acceptable.
S9 The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The method control sample recovery was acceptable.
S10 Surrogate recovery was above laboratory and method acceptance limits. See case narrative.

Method/analyte discrepancies:

- T1 Method promulgated by EPA, but not ADHS at this time.
T2 Cited ADHS licensed method does not contain this analyte as part of method compound list.
T3 Method not promulgated either by EPA or ADHS.
T4 Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Calibration verification:

- V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
V2 CCV recovery was above method acceptance limits. This target analyte was detected in the sample. The sample could not be reanalyzed due to insufficient sample.
V3 CCV recovery was above method acceptance limits. This target analyte was detected in the sample, but the sample was not reanalyzed. See case narrative.
V4 CCV recovery was below method acceptance limits. The sample could not be reanalyzed due to insufficient sample.
V5 CCV recovery after a group of samples was above acceptance limits. This target analyte was not detected in the sample. Acceptable per EPA Method 8000B.

Inorganic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.

Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- B The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- E The reported value is estimated because of the presence of matrix interference.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.
- * The duplicate analysis not within control limits. See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a chromatographic interference.
- X See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

Client: GeoTrans
 Project: Western Ave.

Service Request: X2300223

Cover Page - Organic Analysis Data Package
Volatile Organic Compounds

Sample Name	Lab Code	Date Collected	Date Received
MW-1	X2300223-001	03/13/2003	03/14/2003
FB-1	X2300223-002	03/13/2003	03/14/2003
Trip Blank	X2300223-003		03/14/2003
MW-5	X2300223-004	03/13/2003	03/14/2003
GMW-4	X2300223-005	03/13/2003	03/14/2003
ADEQG-MW4	X2300223-006	03/13/2003	03/14/2003
COG-MW3	X2300223-007	03/14/2003	03/14/2003
ADEQG-MW3	X2300223-008	03/14/2003	03/14/2003
FB-1MS	XWG0300406-1	03/13/2003	03/14/2003
FB-1DMS	XWG0300406-2	03/13/2003	03/14/2003

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Tracy Dutton
 Date: 4-2-03

Name: Tracy Dutton
 Title: Lab Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: MW-1
Lab Code: X2300223-001
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: MW-1 **Units:** ug/L
Lab Code: X2300223-001 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	5.5	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	0.50	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	MW-1	Units:	ug/L
Lab Code:	X2300223-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	103	84-113	03/27/03	
Toluene-d8	103	68-126	03/27/03	
4-Bromofluorobenzene	97	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: FB-1
Lab Code: X2300223-002

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water **Service Request:** X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: FB-1 **Units:** ug/L
Lab Code: X2300223-002 **Basis:** NA

Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	ND U	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: FB-1 **Units:** ug/L
Lab Code: X2300223-002 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Date Arizona Qualifier
Naphthalene	ND	U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND	U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	102	84-113	03/27/03	
Toluene-d8	107	68-126	03/27/03	
4-Bromofluorobenzene	99	79-113	03/27/03	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected:
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: Trip Blank
 Lab Code: X2300223-003
 Extraction Method: EPA 5030B
 Analysis Method: 8260B

Units: ug/L
 Basis: NA
 Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/27/03	03/27/03	
Chloromethane	ND U	2.0	1	03/27/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/27/03	03/27/03	
Bromomethane	ND U	1.0	1	03/27/03	03/27/03	
Chloroethane	ND U	1.0	1	03/27/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/27/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/27/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/27/03	03/27/03	
Acetone	ND U	10	1	03/27/03	03/27/03	
Iodomethane	ND U	2.0	1	03/27/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/27/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/27/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/27/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/27/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/27/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/27/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/27/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/27/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/27/03	03/27/03	L1
Chloroform	ND U	1.0	1	03/27/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/27/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/27/03	03/27/03	
Benzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/27/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/27/03	03/27/03	L1
Bromodichloromethane	ND U	0.50	1	03/27/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/27/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/27/03	03/27/03	
Toluene	ND U	0.50	1	03/27/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected:
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: Trip Blank
 Lab Code: X2300223-003
 Extraction Method: EPA 5030B
 Analysis Method: 8260B

Units: ug/L
 Basis: NA
 Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/27/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/27/03	03/27/03	
Tetrachloroethene	ND U	0.50	1	03/27/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/27/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/27/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/27/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/27/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/27/03	03/27/03	
o-Xylene	ND U	0.50	1	03/27/03	03/27/03	
Styrene	ND U	0.50	1	03/27/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/27/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/27/03	03/27/03	L1
n-Propylbenzene	ND U	0.50	1	03/27/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/27/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/27/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/27/03	03/27/03	
Bromoform	ND U	0.50	1	03/27/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/27/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/27/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/27/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected:
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	Trip Blank	Units:	ug/L
Lab Code:	X2300223-003	Basis:	NA
Extraction Method:	EPA 5030B		
Analysis Method:	8260B	Level:	Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/27/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	108	84-113	03/27/03	
Toluene-d8	106	68-126	03/27/03	
4-Bromofluorobenzene	96	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	MW-5	Units:	ug/L
Lab Code:	X2300223-004	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: MW-5
Lab Code: X2300223-004

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	1.9	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	MW-5	Units:	ug/L
Lab Code:	X2300223-004	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	106	84-113	03/27/03	
Toluene-d8	107	68-126	03/27/03	
4-Bromofluorobenzene	97	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected: 03/13/2003
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	GMW-4	Units:	ug/L
Lab Code:	X2300223-005	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected: 03/13/2003
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: GMW-4
 Lab Code: X2300223-005
 Extraction Method: EPA 5030B
 Analysis Method: 8260B

Units: ug/L
 Basis: NA
 Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	4.1	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: GMW-4 **Units:** ug/L
Lab Code: X2300223-005 **Basis:** NA

Extraction Method: EPA 5030B **Analysis Method:** 8260B **Level:** Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Date Arizona Qualifier
Naphthalene	ND	U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND	U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	103	84-113	03/27/03	
Toluene-d8	108	68-126	03/27/03	
4-Bromofluorobenzene	100	79-113	03/27/03	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW4
Lab Code: X2300223-006

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW4
Lab Code: X2300223-006

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	3.9	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/13/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW4 **Units:** ug/L
Lab Code: X2300223-006 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND	U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND	U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	105	84-113	03/27/03	
Toluene-d8	107	68-126	03/27/03	
4-Bromofluorobenzene	99	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/14/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: COG-MW3 **Units:** ug/L
Lab Code: X2300223-007 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	0.86	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/14/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name:	COG-MW3	Units:	ug/L
Lab Code:	X2300223-007	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	7.5	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
<i>o</i> -Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected: 03/14/2003
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: COG-MW3
 Lab Code: X2300223-007

Units: ug/L
 Basis: NA

Extraction Method: EPA 5030B
 Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	102	84-113	03/27/03	
Toluene-d8	106	68-126	03/27/03	
4-Bromofluorobenzene	98	79-113	03/27/03	

Comments: _____

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/14/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW3
Lab Code: X2300223-008

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	0.55	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Collected: 03/14/2003
 Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW3
 Lab Code: X2300223-008

Units: ug/L
 Basis: NA

Extraction Method: EPA 5030B
 Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	7.2	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: 03/14/2003
Date Received: 03/14/2003

Volatile Organic Compounds

Sample Name: ADEQG-MW3 **Units:** ug/L
Lab Code: X2300223-008 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND	U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND	U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	104	84-113	03/27/03	
Toluene-d8	109	68-126	03/27/03	
4-Bromofluorobenzene	97	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: XWG0300406-5

Units: ug/L**Basis:** NA**Level:** Low

Extraction Method: EPA 5030B
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/26/03	03/27/03	
Chloromethane	ND U	2.0	1	03/26/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/26/03	03/27/03	
Bromomethane	ND U	1.0	1	03/26/03	03/27/03	
Chloroethane	ND U	1.0	1	03/26/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/26/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/26/03	03/27/03	
Acetone	ND U	10	1	03/26/03	03/27/03	
Iodomethane	ND U	2.0	1	03/26/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/26/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/26/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/26/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/26/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/26/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/26/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/26/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
Chloroform	ND U	1.0	1	03/26/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/26/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
Benzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/26/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/26/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/26/03	03/27/03	
Bromodichloromethane	ND U	0.50	1	03/26/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/26/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/26/03	03/27/03	
Toluene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water **Service Request:** X2300223
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank **Units:** ug/L
Lab Code: XWG0300406-5 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/26/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/26/03	03/27/03	
Tetrachloroethene	ND U	0.50	1	03/26/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/26/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/26/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/26/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/26/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/26/03	03/27/03	
o-Xylene	ND U	0.50	1	03/26/03	03/27/03	
Styrene	ND U	0.50	1	03/26/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/26/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/26/03	03/27/03	
n-Propylbenzene	ND U	0.50	1	03/26/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/26/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/26/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/26/03	03/27/03	
Bromoform	ND U	0.50	1	03/26/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/26/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/26/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/26/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/26/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank **Units:** ug/L
Lab Code: XWG0300406-5 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/26/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/26/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	98	84-113	03/27/03	
Toluene-d8	101	68-126	03/27/03	
4-Bromofluorobenzene	96	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: XWG0300410-5

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Dichlorodifluoromethane	ND U	3.0	1	03/27/03	03/27/03	
Chloromethane	ND U	2.0	1	03/27/03	03/27/03	
Vinyl Chloride	ND U	1.0	1	03/27/03	03/27/03	
Bromomethane	ND U	1.0	1	03/27/03	03/27/03	
Chloroethane	ND U	1.0	1	03/27/03	03/27/03	
Trichlorofluoromethane	ND U	1.0	1	03/27/03	03/27/03	
1,1,2-Trichlorotrifluoroethane	ND U	1.0	1	03/27/03	03/27/03	
1,1-Dichloroethene	ND U	1.0	1	03/27/03	03/27/03	
Acetone	ND U	10	1	03/27/03	03/27/03	
Iodomethane	ND U	2.0	1	03/27/03	03/27/03	
Carbon Disulfide	ND U	2.0	1	03/27/03	03/27/03	
Methylene Chloride	ND U	1.0	1	03/27/03	03/27/03	
Methyl tert-Butyl Ether	ND U	1.0	1	03/27/03	03/27/03	
trans-1,2-Dichloroethene	ND U	0.50	1	03/27/03	03/27/03	
1,1-Dichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Vinyl Acetate	ND U	3.0	1	03/27/03	03/27/03	
2,2-Dichloropropane	ND U	2.0	1	03/27/03	03/27/03	
2-Butanone (MEK)	ND U	8.0	1	03/27/03	03/27/03	
cis-1,2-Dichloroethene	ND U	0.50	1	03/27/03	03/27/03	
Bromochloromethane	ND U	0.50	1	03/27/03	03/27/03	L1
Chloroform	ND U	1.0	1	03/27/03	03/27/03	
1,1,1-Trichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Carbon Tetrachloride	ND U	0.50	1	03/27/03	03/27/03	
1,1-Dichloropropene	ND U	0.50	1	03/27/03	03/27/03	
Benzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichloroethane	ND U	0.50	1	03/27/03	03/27/03	
Trichloroethene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichloropropane	ND U	0.50	1	03/27/03	03/27/03	
Dibromomethane	ND U	0.50	1	03/27/03	03/27/03	L1
Bromodichloromethane	ND U	0.50	1	03/27/03	03/27/03	
cis-1,3-Dichloropropene	ND U	0.50	1	03/27/03	03/27/03	
4-Methyl-2-pentanone (MIBK)	ND U	8.0	1	03/27/03	03/27/03	
Toluene	ND U	0.50	1	03/27/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans **Service Request:** X2300223
Project: Western Ave. **Date Collected:** NA
Sample Matrix: Water **Date Received:** NA

Volatile Organic Compounds

Sample Name: Method Blank **Units:** ug/L
Lab Code: XWG0300410-5 **Basis:** NA
Extraction Method: EPA 5030B **Level:** Low
Analysis Method: 8260B

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
trans-1,3-Dichloropropene	ND U	1.0	1	03/27/03	03/27/03	
1,1,2-Trichloroethane	ND U	1.0	1	03/27/03	03/27/03	
Tetrachloroethene	ND U	0.50	1	03/27/03	03/27/03	
2-Hexanone	ND U	5.0	1	03/27/03	03/27/03	
1,3-Dichloropropane	ND U	1.0	1	03/27/03	03/27/03	
Dibromochloromethane	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dibromoethane	ND U	0.50	1	03/27/03	03/27/03	
Chlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,1,1,2-Tetrachloroethane	ND U	0.50	1	03/27/03	03/27/03	
Ethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
m,p-Xylenes	ND U	1.0	1	03/27/03	03/27/03	
o-Xylene	ND U	0.50	1	03/27/03	03/27/03	
Styrene	ND U	0.50	1	03/27/03	03/27/03	
Isopropylbenzene	ND U	0.50	1	03/27/03	03/27/03	
Bromobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2,3-Trichloropropane	ND U	1.0	1	03/27/03	03/27/03	L1
n-Propylbenzene	ND U	0.50	1	03/27/03	03/27/03	
2-Chlorotoluene	ND U	0.50	1	03/27/03	03/27/03	
4-Chlorotoluene	ND U	0.50	1	03/27/03	03/27/03	
1,3,5-Trimethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
tert-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2,4-Trimethylbenzene	ND U	0.50	1	03/27/03	03/27/03	
sec-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,3-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
4-Isopropyltoluene	ND U	0.50	1	03/27/03	03/27/03	
Bromoform	ND U	0.50	1	03/27/03	03/27/03	
1,1,2,2-Tetrachloroethane	ND U	1.0	1	03/27/03	03/27/03	
1,4-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
n-Butylbenzene	ND U	0.50	1	03/27/03	03/27/03	
1,2-Dibromo-3-chloropropane	ND U	5.0	1	03/27/03	03/27/03	
1,2,4-Trichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	
Hexachlorobutadiene	ND U	0.50	1	03/27/03	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name:	Method Blank	Units:	ug/L
Lab Code:	XWG0300410-5	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B		

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Arizona Qualifier
Naphthalene	ND U	3.0	1	03/27/03	03/27/03	
1,2,3-Trichlorobenzene	ND U	0.50	1	03/27/03	03/27/03	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Arizona Qualifier
Dibromofluoromethane	103	84-113	03/27/03	
Toluene-d8	101	68-126	03/27/03	
4-Bromofluorobenzene	96	79-113	03/27/03	

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223

**Surrogate Recovery Summary
Volatile Organic Compounds**

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1	Sur2	Sur3
MW-1	X2300223-001	103	103	97
FB-1	X2300223-002	102	107	99
Trip Blank	X2300223-003	108	106	96
MW-5	X2300223-004	106	107	97
GMW-4	X2300223-005	103	108	100
ADEQG-MW4	X2300223-006	105	107	99
COG-MW3	X2300223-007	102	106	98
ADEQG-MW3	X2300223-008	104	109	97
Method Blank	XWG0300406-5	98	101	96
Method Blank	XWG0300410-5	103	101	96
Batch QC	X2300224-001	102	105	95
FB-1MS	XWG0300406-1	106	112	106
FB-1DMS	XWG0300406-2	105	104	104
Batch QCMS	XWG0300410-1	106	105	100
Batch QCDMS	XWG0300410-2	100	100	94
Lab Control Sample	XWG0300406-3	101	105	98
Duplicate Lab Control Sample	XWG0300406-4	100	100	96
Lab Control Sample	XWG0300410-3	106	105	105
Duplicate Lab Control Sample	XWG0300410-4	101	101	98

Surrogate Recovery Control Limits (%)

Sur1 = Dibromofluoromethane	84-113
Sur2 = Toluene-d8	68-126
Sur3 = 4-Bromofluorobenzene	79-113

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/26/2003
Date Analyzed: 03/27/2003

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name: FB-1		Units: ug/L
Lab Code: X2300223-002		Basis: NA
Extraction Method: EPA 5030B		Level: Low
Analysis Method: 8260B		Extraction Lot: XWG0300406

Analyte Name	Sample Result	FB-1MS			FB-1DMS			%Rec Limits	RPD	RPD Limit			
		XWG0300406-1			XWG0300406-2								
		Matrix Spike			Duplicate Matrix Spike								
Analyte Name	Sample Result	Result	Expected	%Rec	Result	Expected	%Rec						
Dichlorodifluoromethane	ND	4.74	10.0	47 M2	4.41	10.0	44 M2	78-207	7	20			
Chloromethane	ND	7.11	10.0	71	7.34	10.0	73	70-157	3	20			
Vinyl Chloride	ND	7.73	10.0	77 M2	7.68	10.0	77 M2	79-174	1	20			
Bromomethane	ND	8.73	10.0	87	8.54	10.0	85	44-150	2	20			
Chloroethane	ND	9.51	10.0	95	9.76	10.0	98	74-150	3	20			
Trichlorofluoromethane	ND	8.93	10.0	89	8.42	10.0	84	80-134	6	20			
1,1,2-Trichlorotrifluoroethane	ND	11.4	10.0	114	11.1	10.0	111	67-128	3	20			
1,1-Dichloroethene	ND	9.64	10.0	96	9.71	10.0	97	71-142	1	20			
Acetone	ND	36.7	40.0	92	48.8	40.0	122	1-155	28 R5	20			
Iodomethane	ND	38.1	40.0	95	38.6	40.0	96	47-120	1	20			
Carbon Disulfide	ND	43.2	40.0	108	43.2	40.0	108	77-126	0	20			
Methylene Chloride	ND	10.2	10.0	102	10.4	10.0	104	83-106	1	20			
Methyl tert-Butyl Ether	ND	8.71	10.0	87	9.64	10.0	96	70-118	10	20			
trans-1,2-Dichloroethene	ND	10.7	10.0	107	10.6	10.0	106	86-115	1	20			
1,1-Dichloroethane	ND	11.6	10.0	116	11.6	10.0	116	77-127	1	20			
Vinyl Acetate	ND	44.0	40.0	110	47.0	40.0	117	8-187	7	20			
2,2-Dichloropropane	ND	11.0	10.0	110	10.9	10.0	109	25-154	1	20			
2-Butanone (MEK)	ND	33.5	40.0	84 M2	41.0	40.0	103	90-112	20	20			
cis-1,2-Dichloroethene	ND	10.3	10.0	103	9.97	10.0	100	69-118	3	20			
Bromochloromethane	ND	11.1	10.0	111	11.5	10.0	115	47-136	4	20			
Chloroform	ND	11.3	10.0	113	11.1	10.0	111	48-143	2	20			
1,1,1-Trichloroethane	ND	9.55	10.0	96	9.33	10.0	93	84-122	2	20			
Carbon Tetrachloride	ND	10.4	10.0	104	9.79	10.0	98	79-120	6	20			
1,1-Dichloropropene	ND	10.7	10.0	107	10.3	10.0	103	85-117	4	20			
Benzene	ND	10.4	10.0	104	10.1	10.0	101	88-114	3	20			
1,2-Dichloroethane	ND	11.0	10.0	110	10.8	10.0	108	75-112	2	20			
Trichloroethene	ND	11.4	10.0	114	10.6	10.0	106	76-115	8	20			
1,2-Dichloropropane	ND	10.9	10.0	109 M1	10.9	10.0	109 M1	85-107	0	20			
Dibromomethane	ND	11.2	10.0	112 M1	10.6	10.0	106	82-106	6	20			
Bromodichloromethane	ND	9.92	10.0	99	9.72	10.0	97	83-107	2	20			
cis-1,3-Dichloropropene	ND	11.1	10.0	111	10.9	10.0	109	70-114	2	20			
4-Methyl-2-pentanone (MIBK)	ND	39.5	40.0	99	37.4	40.0	93	54-129	5	20			
Toluene	ND	10.8	10.0	108	10.1	10.0	101	86-114	7	20			

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

000039

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/26/2003
Date Analyzed: 03/27/2003

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name: FB-1	Units: ug/L
Lab Code: X2300223-002	Basis: NA
Extraction Method: EPA 5030B	Level: Low
Analysis Method: 8260B	Extraction Lot: XWG0300406

Analyte Name	Sample Result	FB-1MS XWG0300406-1 Matrix Spike			FB-1DMS XWG0300406-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
trans-1,3-Dichloropropene	ND	11.0	10.0	110	10.6	10.0	106	73-112	4	20
1,1,2-Trichloroethane	ND	9.65	10.0	97	9.55	10.0	96	79-112	1	20
Tetrachloroethene	ND	10.2	10.0	102	9.58	10.0	96	78-130	6	20
2-Hexanone	ND	38.2	40.0	96	39.4	40.0	98	77-112	3	20
1,3-Dichloropropane	ND	10.1	10.0	101	10.0	10.0	100	45-133	1	20
Dibromochloromethane	ND	9.30	10.0	93	9.31	10.0	93	74-108	0	20
1,2-Dibromoethane	ND	9.89	10.0	99	9.63	10.0	96	73-113	3	20
Chlorobenzene	ND	10.4	10.0	104	10.0	10.0	100	84-111	4	20
1,1,1,2-Tetrachloroethane	ND	9.88	10.0	99	9.69	10.0	97	84-119	2	20
Ethylbenzene	ND	11.3	10.0	113	10.7	10.0	107	47-136	6	20
m,p-Xylenes	ND	22.5	20.0	112	21.3	20.0	107	84-120	5	20
o-Xylene	ND	10.5	10.0	105	10.4	10.0	104	47-143	1	20
Styrene	ND	10.9	10.0	109	10.6	10.0	106	72-121	2	20
Isopropylbenzene	ND	10.8	10.0	108	10.4	10.0	104	63-108	3	20
Bromobenzene	ND	10.8	10.0	108	10.5	10.0	105	80-113	3	20
1,2,3-Trichloropropane	ND	10.0	10.0	100	11.3	10.0	113	78-119	12	20
n-Propylbenzene	ND	11.2	10.0	112	11.2	10.0	112	76-117	0	20
2-Chlorotoluene	ND	10.6	10.0	106	10.9	10.0	109	79-121	2	20
4-Chlorotoluene	ND	11.2	10.0	112	11.0	10.0	110	70-133	2	20
1,3,5-Trimethylbenzene	ND	10.9	10.0	109	10.9	10.0	109	79-118	0	20
tert-Butylbenzene	ND	10.8	10.0	108	10.7	10.0	107	77-120	0	20
1,2,4-Trimethylbenzene	ND	10.9	10.0	109	11.0	10.0	110	68-127	0	20
sec-Butylbenzene	ND	10.3	10.0	103	10.3	10.0	103	78-123	0	20
1,3-Dichlorobenzene	ND	9.99	10.0	100	10.3	10.0	103	78-127	3	20
4-Isopropyltoluene	ND	10.7	10.0	107	10.9	10.0	109	79-142	1	20
Bromoform	ND	9.52	10.0	95	8.83	10.0	88	83-111	8	20
1,1,2,2-Tetrachloroethane	ND	11.6	10.0	116	11.1	10.0	111	66-133	4	20
1,4-Dichlorobenzene	ND	9.99	10.0	100	9.96	10.0	100	48-139	0	20
1,2-Dichlorobenzene	ND	9.65	10.0	97	9.74	10.0	97	64-109	1	20
n-Butylbenzene	ND	11.2	10.0	112	10.9	10.0	109	69-122	2	20
1,2-Dibromo-3-chloropropane	ND	8.64	10.0	86	9.85	10.0	99	54-160	13	20
1,2,4-Trichlorobenzene	ND	9.60	10.0	96	9.51	10.0	95	39-145	1	20
Hexachlorobutadiene	ND	11.6	10.0	116 M1	11.3	10.0	113	74-113	3	20

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/26/2003
Date Analyzed: 03/27/2003

**Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds**

Sample Name: FB-1	Units: ug/L
Lab Code: X2300223-002	Basis: NA
Extraction Method: EPA 5030B	Level: Low
Analysis Method: 8260B	Extraction Lot: XWG0300406

Analyte Name	Sample Result	FB-1MS XWG0300406-1 Matrix Spike			FB-1DMS XWG0300406-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Naphthalene	ND	9.22	10.0	92	9.41	10.0	94	44-167	2	20
1,2,3-Trichlorobenzene	ND	10.6	10.0	106	10.6	10.0	106	37-158	0	20

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/27/2003
Date Analyzed: 03/27/2003

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name:	Batch QC	Units:	ug/L
Lab Code:	X2300224-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B	Extraction Lot:	XWG0300410

Analyte Name	Sample Result	Batch QCMS			Batch QCDMS			%Rec Limits	RPD	RPD Limit			
		XWG0300410-1			XWG0300410-2								
		Matrix Spike			Duplicate Matrix Spike								
Analyte Name	Sample Result	Result	Expected	%Rec	Result	Expected	%Rec						
Dichlorodifluoromethane	ND	4.10	10.0	41 M2	3.93	10.0	39 M2	78-207	4	20			
Chloromethane	ND	7.16	10.0	72	6.09	10.0	61 M2	70-157	16	20			
Vinyl Chloride	ND	7.85	10.0	79	7.19	10.0	72 M2	79-174	9	20			
Bromomethane	ND	9.14	10.0	91	7.68	10.0	77	44-150	17	20			
Chloroethane	ND	11.1	10.0	111	9.52	10.0	95	74-150	16	20			
Trichlorofluoromethane	ND	9.32	10.0	93	8.52	10.0	85	80-134	9	20			
1,1,2-Trichlorotrifluoroethane	ND	11.2	10.0	112	10.2	10.0	102	67-128	9	20			
1,1-Dichloroethene	ND	9.83	10.0	98	9.12	10.0	91	71-142	7	20			
Acetone	ND	30.8	40.0	77	26.0	40.0	65	1-155	17	20			
Iodomethane	ND	38.6	40.0	97	35.6	40.0	89	47-120	8	20			
Carbon Disulfide	ND	43.2	40.0	108	39.6	40.0	99	77-126	9	20			
Methylene Chloride	ND	10.5	10.0	105	9.43	10.0	94	83-106	10	20			
Methyl tert-Butyl Ether	ND	9.32	10.0	93	8.58	10.0	86	70-118	8	20			
trans-1,2-Dichloroethene	ND	10.8	10.0	108	9.89	10.0	99	86-115	9	20			
1,1-Dichloroethane	ND	11.8	10.0	118	10.9	10.0	109	77-127	8	20			
Vinyl Acetate	ND	46.0	40.0	115	41.2	40.0	103	8-187	11	20			
2,2-Dichloropropane	ND	11.2	10.0	112	10.4	10.0	104	25-154	8	20			
2-Butanone (MEK)	ND	35.9	40.0	90	36.9	40.0	92	90-112	3	20			
cis-1,2-Dichloroethene	ND	10.3	10.0	103	10.0	10.0	100	69-118	3	20			
Bromochloromethane	ND	11.0	10.0	110	10.6	10.0	106	47-136	4	20			
Chloroform	ND	11.2	10.0	112	10.5	10.0	105	48-143	6	20			
1,1,1-Trichloroethane	ND	9.68	10.0	97	9.02	10.0	90	84-122	7	20			
Carbon Tetrachloride	ND	9.98	10.0	100	9.60	10.0	96	79-120	4	20			
1,1-Dichloropropene	ND	10.7	10.0	107	9.97	10.0	100	85-117	7	20			
Benzene	ND	10.3	10.0	103	9.67	10.0	97	88-114	6	20			
1,2-Dichloroethane	ND	10.6	10.0	106	9.94	10.0	99	75-112	6	20			
Trichloroethene	1.4	13.5	10.0	121 M1	12.6	10.0	112	76-115	7	20			
1,2-Dichloropropane	ND	11.0	10.0	110 M1	10.3	10.0	103	85-107	7	20			
Dibromomethane	ND	9.97	10.0	100	9.85	10.0	99	82-106	1	20			
Bromodichloromethane	ND	9.78	10.0	98	9.01	10.0	90	83-107	8	20			
cis-1,3-Dichloropropene	ND	11.1	10.0	111	9.94	10.0	99	70-114	11	20			
4-Methyl-2-pentanone (MIBK)	ND	36.1	40.0	90	35.0	40.0	87	54-129	3	20			
Toluene	ND	10.5	10.0	105	9.84	10.0	98	86-114	6	20			

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

000042

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Extracted: 03/27/2003
 Date Analyzed: 03/27/2003

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name:	Batch QC	Units:	ug/L
Lab Code:	X2300224-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B	Extraction Lot:	XWG0300410

Analyte Name	Sample Result	Batch QCMS XWG0300410-1 Matrix Spike			Batch QCDMS XWG0300410-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
trans-1,3-Dichloropropene	ND	10.6	10.0	106	9.61	10.0	96	73-112	10	20
1,1,2-Trichloroethane	ND	9.73	10.0	97	9.03	10.0	90	79-112	7	20
Tetrachloroethene	47	60.5	10.0	131 M3	56.0	10.0	86	78-130	8	20
2-Hexanone	ND	39.7	40.0	99	34.4	40.0	86	77-112	14	20
1,3-Dichloropropane	ND	9.92	10.0	99	9.30	10.0	93	45-133	6	20
Dibromochloromethane	ND	9.73	10.0	97	8.78	10.0	88	74-108	10	20
1,2-Dibromoethane	ND	10.1	10.0	101	9.24	10.0	92	73-113	8	20
Chlorobenzene	ND	10.4	10.0	104	9.75	10.0	98	84-111	6	20
1,1,1,2-Tetrachloroethane	ND	9.79	10.0	98	9.32	10.0	93	84-119	5	20
Ethylbenzene	ND	10.9	10.0	109	10.3	10.0	103	47-136	6	20
m,p-Xylenes	ND	21.5	20.0	107	20.7	20.0	104	84-120	4	20
o-Xylene	ND	10.2	10.0	102	9.76	10.0	98	47-143	5	20
Styrene	ND	10.8	10.0	108	9.93	10.0	99	72-121	8	20
Isopropylbenzene	ND	10.4	10.0	104	9.87	10.0	99	63-108	5	20
Bromobenzene	ND	10.6	10.0	106	10.2	10.0	102	80-113	4	20
1,2,3-Trichloropropane	ND	9.74	10.0	97	9.99	10.0	100	78-119	3	20
n-Propylbenzene	ND	10.9	10.0	109	10.3	10.0	103	76-117	6	20
2-Chlorotoluene	ND	10.5	10.0	105	9.88	10.0	99	79-121	6	20
4-Chlorotoluene	ND	10.7	10.0	107	10.2	10.0	102	70-133	5	20
1,3,5-Trimethylbenzene	ND	10.4	10.0	104	9.97	10.0	100	79-118	5	20
tert-Butylbenzene	ND	10.3	10.0	103	9.83	10.0	98	77-120	5	20
1,2,4-Trimethylbenzene	ND	10.5	10.0	105	9.89	10.0	99	68-127	6	20
sec-Butylbenzene	ND	9.93	10.0	99	9.45	10.0	95	78-123	5	20
1,3-Dichlorobenzene	ND	10.0	10.0	100	9.42	10.0	94	78-127	6	20
4-Isopropyltoluene	ND	10.4	10.0	104	9.89	10.0	99	79-142	5	20
Bromoform	ND	9.46	10.0	95	8.92	10.0	89	83-111	6	20
1,1,2,2-Tetrachloroethane	ND	11.2	10.0	112	10.6	10.0	106	66-133	5	20
1,4-Dichlorobenzene	ND	10.1	10.0	101	9.72	10.0	97	48-139	4	20
1,2-Dichlorobenzene	ND	9.82	10.0	98	9.27	10.0	93	64-109	6	20
n-Butylbenzene	ND	10.8	10.0	108	10.5	10.0	105	69-122	3	20
1,2-Dibromo-3-chloropropane	ND	10.1	10.0	101	9.18	10.0	92	54-160	9	20
1,2,4-Trichlorobenzene	ND	9.41	10.0	94	9.36	10.0	94	39-145	1	20
Hexachlorobutadiene	ND	11.4	10.0	114 M1	11.4	10.0	114 M1	74-113	0	20

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COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/27/2003
Date Analyzed: 03/27/2003

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds

Sample Name:	Batch QC	Units:	ug/L
Lab Code:	X2300224-001	Basis:	NA
Extraction Method:	EPA 5030B	Level:	Low
Analysis Method:	8260B	Extraction Lot:	XWG0300410

Analyte Name	Sample Result	Batch QCMS XWG0300410-1 Matrix Spike			Batch QCDMS XWG0300410-2 Duplicate Matrix Spike			%Rec Limits	RPD	RPD Limit
		Result	Expected	%Rec	Result	Expected	%Rec			
Naphthalene	ND	8.51	10.0	85	8.48	10.0	85	44-167	0	20
1,2,3-Trichlorobenzene	ND	10.3	10.0	103	10.3	10.0	103	37-158	1	20

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Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/26/2003
Date Analyzed: 03/27/2003

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: XWG0300406

Analyte Name	Lab Control Sample			Duplicate Lab Control Sample			%Rec Limits	RPD	RPD Limit			
	XWG0300406-3			XWG0300406-4								
	Result	Expected	%Rec	Result	Expected	%Rec						
Dichlorodifluoromethane	4.61	10.0	46	4.36	10.0	44	1-233	6	20			
Chloromethane	7.03	10.0	70	6.71	10.0	67	46-156	5	20			
Vinyl Chloride	7.63	10.0	76	7.18	10.0	72	51-158	6	20			
Bromomethane	8.01	10.0	80	8.27	10.0	83	37-149	3	20			
Chloroethane	9.24	10.0	92	8.78	10.0	88	56-146	5	20			
Trichlorofluoromethane	8.77	10.0	88	8.85	10.0	89	69-139	1	20			
1,1,2-Trichlorotrifluoroethane	10.6	10.0	106	10.6	10.0	106	83-130	1	20			
1,1-Dichloroethene	9.63	10.0	96	9.47	10.0	95	65-112	2	20			
Acetone	42.5	40.0	106	35.7	40.0	89	68-128	17	20			
Iodomethane	39.6	40.0	99	39.5	40.0	99	68-144	0	20			
Carbon Disulfide	41.4	40.0	103	41.9	40.0	105	67-140	1	20			
Methylene Chloride	10.0	10.0	100	10.5	10.0	105	70-113	4	20			
Methyl tert-Butyl Ether	9.10	10.0	91	9.89	10.0	99	75-115	8	20			
trans-1,2-Dichloroethene	10.6	10.0	106	10.9	10.0	109	73-118	2	20			
1,1-Dichloroethane	11.2	10.0	112	11.0	10.0	110	77-127	1	20			
Vinyl Acetate	34.3	40.0	86	43.7	40.0	109	51-202	24	39			
2,2-Dichloropropane	9.74	10.0	97	9.65	10.0	97	75-132	1	20			
2-Butanone (MEK)	34.9	40.0	87	40.4	40.0	101	72-122	15	20			
cis-1,2-Dichloroethene	9.77	10.0	98	10.1	10.0	101	81-118	3	20			
Bromochloromethane	11.1	10.0	111	11.7	10.0	117 L1	82-114	5	20			
Chloroform	10.9	10.0	109	10.9	10.0	109	78-119	0	20			
1,1,1-Trichloroethane	9.37	10.0	94	9.14	10.0	91	71-125	2	20			
Carbon Tetrachloride	9.65	10.0	97	9.54	10.0	95	69-130	1	20			
1,1-Dichloropropene	10.0	10.0	100	9.99	10.0	100	77-114	0	20			
Benzene	9.88	10.0	99	9.80	10.0	98	81-117	1	20			
1,2-Dichloroethane	10.4	10.0	104	10.5	10.0	105	67-122	1	20			
Trichloroethene	10.8	10.0	108	10.6	10.0	106	79-114	2	20			
1,2-Dichloropropane	10.9	10.0	109	10.7	10.0	107	78-114	1	20			
Dibromomethane	10.5	10.0	105	11.0	10.0	110	78-113	5	20			
Bromodichloromethane	9.92	10.0	99	9.74	10.0	97	79-122	2	20			
cis-1,3-Dichloropropene	11.1	10.0	111	10.5	10.0	105	82-118	5	20			
4-Methyl-2-pentanone (MIBK)	41.8	40.0	105	42.4	40.0	106	75-115	1	20			
Toluene	10.6	10.0	106	10.1	10.0	101	85-118	5	20			
trans-1,3-Dichloropropene	10.9	10.0	109	10.7	10.0	107	79-121	2	20			
1,1,2-Trichloroethane	9.90	10.0	99	9.50	10.0	95	79-116	4	20			

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Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/26/2003
Date Analyzed: 03/27/2003

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: XWG0300406

Analyte Name	Lab Control Sample XWG0300406-3			Duplicate Lab Control Sample XWG0300406-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
Tetrachloroethene	10.0	10.0	100	9.65	10.0	97	76-127	4	20			
2-Hexanone	41.9	40.0	105	40.4	40.0	101	65-120	4	20			
1,3-Dichloropropane	10.5	10.0	105	10.1	10.0	101	81-116	4	20			
Dibromochloromethane	9.72	10.0	97	9.45	10.0	95	77-119	3	20			
1,2-Dibromoethane	10.0	10.0	100	10.3	10.0	103	79-116	2	20			
Chlorobenzene	10.2	10.0	102	9.98	10.0	100	84-114	2	20			
1,1,1,2-Tetrachloroethane	9.61	10.0	96	9.51	10.0	95	78-118	1	20			
Ethylbenzene	10.8	10.0	108	10.4	10.0	104	79-124	3	20			
m,p-Xylenes	21.7	20.0	108	20.8	20.0	104	75-131	4	20			
o-Xylene	10.1	10.0	101	10.2	10.0	102	78-122	1	20			
Styrene	10.6	10.0	106	10.5	10.0	105	80-126	1	20			
Isopropylbenzene	10.3	10.0	103	10.2	10.0	102	75-126	1	20			
Bromobenzene	10.7	10.0	107	10.5	10.0	105	82-122	3	20			
1,2,3-Trichloropropane	10.4	10.0	104	9.97	10.0	100	77-118	5	20			
n-Propylbenzene	10.7	10.0	107	10.5	10.0	105	75-129	1	20			
2-Chlorotoluene	10.5	10.0	105	10.4	10.0	104	77-126	1	20			
4-Chlorotoluene	10.6	10.0	106	10.6	10.0	106	82-120	0	20			
1,3,5-Trimethylbenzene	10.5	10.0	105	10.5	10.0	105	75-130	0	20			
tert-Butylbenzene	10.3	10.0	103	10.3	10.0	103	73-130	0	20			
1,2,4-Trimethylbenzene	10.5	10.0	105	10.4	10.0	104	60-137	0	20			
sec-Butylbenzene	9.88	10.0	99	9.89	10.0	99	68-131	0	20			
1,3-Dichlorobenzene	9.96	10.0	100	10.0	10.0	100	71-137	1	20			
4-Isopropyltoluene	10.3	10.0	103	10.3	10.0	103	68-134	0	20			
Bromoform	9.57	10.0	96	9.63	10.0	96	70-118	1	20			
1,1,2,2-Tetrachloroethane	10.5	10.0	105	10.7	10.0	107	72-122	2	20			
1,4-Dichlorobenzene	9.80	10.0	98	9.91	10.0	99	82-114	1	20			
1,2-Dichlorobenzene	9.66	10.0	97	9.94	10.0	99	81-118	3	20			
n-Butylbenzene	10.3	10.0	103	10.4	10.0	104	71-125	0	20			
1,2-Dibromo-3-chloropropane	10.1	10.0	101	11.2	10.0	112	55-131	11	20			
1,2,4-Trichlorobenzene	9.53	10.0	95	9.89	10.0	99	75-123	4	20			
Hexachlorobutadiene	10.7	10.0	107	11.0	10.0	110	63-140	2	20			
Naphthalene	9.84	10.0	98	9.85	10.0	99	67-125	0	20			
1,2,3-Trichlorobenzene	11.0	10.0	110	11.1	10.0	111	72-124	1	20			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: GeoTrans
Project: Western Ave.
Sample Matrix: Water

Service Request: X2300223
Date Extracted: 03/27/2003
Date Analyzed: 03/27/2003

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: XWG0300410

Analyte Name	Lab Control Sample XWG0300410-3			Duplicate Lab Control Sample XWG0300410-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
Dichlorodifluoromethane	3.98	10.0	40	4.08	10.0	41	1-233	2	20			
Chloromethane	6.92	10.0	69	7.23	10.0	72	46-156	4	20			
Vinyl Chloride	7.49	10.0	75	7.40	10.0	74	51-158	1	20			
Bromomethane	8.51	10.0	85	8.50	10.0	85	37-149	0	20			
Chloroethane	9.33	10.0	93	9.41	10.0	94	56-146	1	20			
Trichlorofluoromethane	8.46	10.0	85	7.91	10.0	79	69-139	7	20			
1,1,2-Trichlorotrifluoroethane	10.9	10.0	109	10.6	10.0	106	83-130	3	20			
1,1-Dichloroethene	9.50	10.0	95	9.60	10.0	96	65-112	1	20			
Acetone	38.9	40.0	97	43.3	40.0	108	68-128	11	20			
Iodomethane	37.4	40.0	93	36.9	40.0	92	68-144	1	20			
Carbon Disulfide	42.4	40.0	106	41.5	40.0	104	67-140	2	20			
Methylene Chloride	11.0	10.0	110	10.6	10.0	106	70-113	4	20			
Methyl tert-Butyl Ether	10.1	10.0	101	9.90	10.0	99	75-115	2	20			
trans-1,2-Dichloroethene	10.9	10.0	109	10.4	10.0	104	73-118	5	20			
1,1-Dichloroethane	11.7	10.0	117	11.1	10.0	111	77-127	5	20			
Vinyl Acetate	47.8	40.0	120	48.2	40.0	120	51-202	1	39			
2,2-Dichloropropane	10.7	10.0	107	10.0	10.0	100	75-132	6	20			
2-Butanone (MEK)	47.5	40.0	119	40.5	40.0	101	72-122	16	20			
cis-1,2-Dichloroethene	10.2	10.0	102	9.86	10.0	99	81-118	3	20			
Bromochloromethane	12.0	10.0	120 L1	12.2	10.0	122 L1	82-114	2	20			
Chloroform	11.4	10.0	114	10.6	10.0	106	78-119	7	20			
1,1,1-Trichloroethane	9.49	10.0	95	8.95	10.0	90	71-125	6	20			
Carbon Tetrachloride	9.55	10.0	96	9.16	10.0	92	69-130	4	20			
1,1-Dichloropropene	10.3	10.0	103	9.99	10.0	100	77-114	3	20			
Benzene	10.3	10.0	103	9.50	10.0	95	81-117	8	20			
1,2-Dichloroethane	11.3	10.0	113	10.7	10.0	107	67-122	6	20			
Trichloroethene	10.6	10.0	106	10.1	10.0	101	79-114	5	20			
1,2-Dichloropropane	11.1	10.0	111	10.5	10.0	105	78-114	6	20			
Dibromomethane	11.4	10.0	114 L1	11.5	10.0	115 L1	78-113	2	20			
Bromodichloromethane	10.4	10.0	104	10.2	10.0	102	79-122	2	20			
cis-1,3-Dichloropropene	11.5	10.0	115	11.1	10.0	111	82-118	3	20			
4-Methyl-2-pentanone (MIBK)	40.4	40.0	101	42.9	40.0	107	75-115	6	20			
Toluene	10.3	10.0	103	10.1	10.0	101	85-118	2	20			
trans-1,3-Dichloropropene	11.2	10.0	112	11.1	10.0	111	79-121	0	20			
1,1,2-Trichloroethane	10.5	10.0	105	10.2	10.0	102	79-116	3	20			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: GeoTrans
 Project: Western Ave.
 Sample Matrix: Water

Service Request: X2300223
 Date Extracted: 03/27/2003
 Date Analyzed: 03/27/2003

Lab Control Spike/Duplicate Lab Control Spike Summary
Volatile Organic Compounds

Extraction Method: EPA 5030B
 Analysis Method: 8260B

Units: ug/L
 Basis: NA
 Level: Low
 Extraction Lot: XWG0300410

Analyte Name	Lab Control Sample XWG0300410-3			Duplicate Lab Control Sample XWG0300410-4			%Rec Limits	RPD	RPD Limit			
	Lab Control Spike			Duplicate Lab Control Spike								
	Result	Expected	%Rec	Result	Expected	%Rec						
Tetrachloroethene	9.53	10.0	95	9.31	10.0	93	76-127	2	20			
2-Hexanone	44.0	40.0	110	46.3	40.0	116	65-120	5	20			
1,3-Dichloropropane	10.3	10.0	103	10.7	10.0	107	81-116	4	20			
Dibromochloromethane	9.91	10.0	99	10.0	10.0	100	77-119	1	20			
1,2-Dibromoethane	10.5	10.0	105	10.3	10.0	103	79-116	2	20			
Chlorobenzene	10.2	10.0	102	9.72	10.0	97	84-114	5	20			
1,1,1,2-Tetrachloroethane	9.81	10.0	98	9.46	10.0	95	78-118	4	20			
Ethylbenzene	10.8	10.0	108	10.2	10.0	102	79-124	6	20			
m,p-Xylenes	21.4	20.0	107	20.3	20.0	101	75-131	6	20			
o-Xylene	10.4	10.0	104	9.83	10.0	98	78-122	5	20			
Styrene	10.8	10.0	108	10.2	10.0	102	80-126	5	20			
Isopropylbenzene	10.5	10.0	105	9.60	10.0	96	75-126	8	20			
Bromobenzene	11.1	10.0	111	10.2	10.0	102	82-122	8	20			
1,2,3-Trichloropropane	12.2	10.0	122 L1	10.7	10.0	107	77-118	13	20			
n-Propylbenzene	11.0	10.0	110	10.2	10.0	102	75-129	7	20			
2-Chlorotoluene	10.8	10.0	108	9.94	10.0	99	77-126	8	20			
4-Chlorotoluene	11.1	10.0	111	10.4	10.0	104	82-120	7	20			
1,3,5-Trimethylbenzene	10.8	10.0	108	9.86	10.0	99	75-130	9	20			
tert-Butylbenzene	10.4	10.0	104	9.68	10.0	97	73-130	7	20			
1,2,4-Trimethylbenzene	10.8	10.0	108	9.97	10.0	100	60-137	8	20			
sec-Butylbenzene	10.1	10.0	101	9.32	10.0	93	68-131	8	20			
1,3-Dichlorobenzene	10.2	10.0	102	9.60	10.0	96	71-137	6	20			
4-Isopropyltoluene	10.5	10.0	105	9.69	10.0	97	68-134	8	20			
Bromoform	9.86	10.0	99	9.68	10.0	97	70-118	2	20			
1,1,2,2-Tetrachloroethane	12.1	10.0	121	12.0	10.0	120	72-122	1	20			
1,4-Dichlorobenzene	10.1	10.0	101	9.60	10.0	96	82-114	5	20			
1,2-Dichlorobenzene	10.2	10.0	102	9.54	10.0	95	81-118	7	20			
n-Butylbenzene	10.7	10.0	107	10.0	10.0	100	71-125	7	20			
1,2-Dibromo-3-chloropropane	9.68	10.0	97	11.1	10.0	111	55-131	14	20			
1,2,4-Trichlorobenzene	10.4	10.0	104	9.75	10.0	98	75-123	6	20			
Hexachlorobutadiene	10.9	10.0	109	10.1	10.0	101	63-140	7	20			
Naphthalene	10.7	10.0	107	9.73	10.0	97	67-125	10	20			
1,2,3-Trichlorobenzene	11.9	10.0	119	11.5	10.0	115	72-124	3	20			

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.



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An Employee - Owned Company

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DATE 3-14-03

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, Inc.
Phoenix, AZ

Sample Receipt and Preservation Form

Client: Geo Toxics

Project Name: Western Ave

Sample(s) Received on: 3-14-03 date 1205 time
 VOA's Glass Bottles Plastic Bottles Jars Sleeves

MATRIX: SOIL WATER

First Extraction Holding Time Expiration: _____ date _____ time (soils only)

Is first extraction/analysis holding time expiration LESS THAN 24 HOURS(soil)/7 DAYS (water)? Yes No

If YES, chemist notified on: _____ date _____ time _____ Chemist's Initials _____

RUSH STANDARD

Yes No

1. Rush or standard turn-a-round time?

2. Are the custody seals present?

If yes, how many and where? _____

3. Are the signature and date correct?

4. Did all containers arrive in good condition?

5. Are all container labels complete (i.e. preservation, sample ID)?

6. Were the correct containers used for the tests indicated?

7. Have VOA's been checked for the presence of air bubbles? (note problems in comments)

8. Temperature of sample(s) upon receipt: 4.5°C

Explanation of discrepancies: _____

		YES	NO
pH	Reagent		
12	NaOH		
2	HNO ₃		
2	H ₂ SO ₄		

VOA Vial pH Verification (Tested After Analysis)		
<input type="checkbox"/> All Samples pH ≤ 2		
<input type="checkbox"/> Following Samples Exhibited pH > 2		

Comments: _____

Form Completed and Sample(s) Received by (initials): Zm



COPY

Task No.

Site Name: Westgate One

卷之三

Date: 3-13-03

Technician: C. Guhmann

(ORIGINAL IN FILE)

(ORIGINAL IN FILE)

(ORIGINAL IN FILE)

Well ID	Time	Depth to Water (feet)	Previous	Current	Measuring Point	Comments
MW-1	0916	61.18			NTOC	
MW-2	1119	66.31			NYOC	
MW-3	1111	63.03			PORT	
MW-4	1127	63.57			PORT	
MW-5	1032	62.87			PORT	
MW-6	1104	64.25			PORT	
MW-7	1200	57.82			PORT	
C06-MW3	1139	62.81			PORT	
GMW-4	1155	63.32			PORT	
GMW-5	1205	57.92			PORT	

Job Name: Western Ave
 Job Number:
 Location: Arvada, AZ
 Recorded by: C. Gauthmann

Well ID: <u>GMW-4</u>	Sample ID: <u>GMW-4</u>
Date: <u>3-13-03</u>	Time: <u>1309</u>

Well Type: Monitor Extraction
 Well Material: PVC St. Steel Other
 Sampled by: Chris Gauthmann

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):

 2-inch 4-inch 6-inch Other:Total Depth of Casing (TD in feet BTOC): 110Water Level Depth (WL in feet BTOC): 63.32

Number of Well Volumes to be Purged (#Vols)

 3 4 5 6 Other:

PURGE METHOD

Bailer - Type: _____
 Submersible Turbine Bladder; Pump No. _____
 Other - Type: Dedicated pump.

PUMP INTAKE SETTING

 Near Bottom Near Top Other:Depth (feet BTOC) _____ Screen Interval (feet BTOC)
from _____ to _____

PURGE VOLUME CALCULATION:

(Note: 2" = 0.163 gal/ft 4" = 0.652 gal/ft 4.75" = 0.92 gal/ft)

$$\left(\frac{110}{\text{TD (feet)}} - \frac{63.32}{\text{WL (feet)}} \right) \times \frac{4}{\text{D (inches)}}^2 \times \frac{3}{\# \text{Vols}} \times 0.0408 = 92 \text{ gallons}$$

Calculated Purge Volume

PURGE TIME

1252 Start

1310 Stop

Elapsed

PURGE RATE

Initial 5.5 gpmFinal 5.5 gpm

Avg _____ gpm

TOTALIZER

Initial 74545.6 galsFinal 74540.8 gals

ACTUAL PURGE VOLUME

95 gallons

FIELD PARAMETER MEASUREMENT

Time <u>Clock / Elapsed</u>)	T <input checked="" type="checkbox"/> °C <input type="checkbox"/> °F	Conductivity (uhos/cm)	DO (mg/L)	pH	TDS (mg/L)	ORP (mV)	Turbidity (NTU)
1252	25.53	1590	4.37	6.82	1.0	171	59.7
1255	24.92	1590	4.77	6.85	1.0	183	2.6
1257	25.03	1590	5.0	6.84	1.0	198	
1300	25.08	1590	4.81	6.84	1.0	210	1.1
1304	25.13	1590	4.51	6.83	1.0	216	1.2
1307	25.13	1600	4.80	6.83	1.0	220	1.0

Observations during pumping (well condition, turbidity, odor, color): _____

Discharge water disposal: Sanitary Sewer Storm Sewer Other:

WELL SAMPLING

SAMPLING METHOD

Bailer - Type:
 Submersible Centrifugal Bladder; Pump

 Same as above Grab - Type: _____ Other - Type: _____

SAMPLING DISTRIBUTION

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
GMW-4	3x100	8260	HCl	CAS	

QUALITY CONTROL SAMPLES

1409

Duplicate Samples

Original Sample No.	Duplicate Sample No.
GMW4	ADP&G-MW4

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

Job Name: WESTERN AVE
 Job Number:
 Location: GRANDALE, AZ
 Recorded by: C. gutmann

Well ID: <u>C06-MW3</u>	Sample ID: <u>C06-MW3</u>
Date: <u>3-14-03</u>	Time: <u>0936</u>

Well Type: Monitor Extraction
 Well Material: PVC St. Steel Other
 Sampled by: C. gutmann

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
 2-inch 4-inch 6-inch Other _____

Total Depth of Casing (TD in feet BTOC): _____
 Water Level Depth (WL in feet BTOC): _____

Number of Well Volumes to be Purged (#Vols)
 3 4 5 6 Other: low flow

PURGE METHOD

Bailer - Type: _____
 Submersible Turbine Bladder; Pump No. _____
 Other - Type: _____

DEDICATED

PUMP INTAKE SETTING

Near Bottom Near Top Other: _____
 Depth (feet BTOC) _____ Screen Interval (feet BTOC)
 from _____ to _____

PURGE VOLUME CALCULATION:

(Note: 2" = 0.163 gal/ft 4" = 0.652 gal/ft 4.75" = 0.92 gal/ft)

$$\left(\frac{\text{TD (feet)}}{\text{WL (feet)}} - 1 \right) \times \frac{2}{\text{D (inches)}}^2 \times \text{#Vols} \times 0.0408 = \text{Calculated Purge Volume} \text{ gallons}$$

PURGE TIME

025 Start
 Stop
 Elapsed

PURGE RATE

Initial _____ gpm
 Final _____ gpm
 Avg _____ gpm

TOTALIZER

Initial 74641.0 gals
 Final _____ gals

ACTUAL PURGE VOLUME
 _____ gallons

FIELD PARAMETER MEASUREMENT

Time (Elapsed)	T °C °F	Conductivity (uhos/cm)	DO (mg/L)	pH	TDS (mg/L)	ORP (mV)	Turbidity (NTU)
<u>0825</u>	<u>25.70</u>	<u>1730</u>	<u>4.15</u>	<u>6.45</u>	<u>0</u>	<u>304</u>	<u>3.02</u>
<u>0926</u>	<u>24.93</u>	<u>1620</u>	<u>4.42</u>	<u>6.97</u>	<u>1.0</u>	<u>289</u>	<u>4.00</u>
<u>0929</u>	<u>25.12</u>	<u>1620</u>	<u>4.37</u>	<u>6.95</u>	<u>1.0</u>	<u>290</u>	<u>7.3</u>
<u>0931</u>	<u>25.18</u>	<u>1610</u>	<u>4.50</u>	<u>6.96</u>	<u>1.0</u>	<u>290</u>	<u>6.7</u>

Observations during pumping (well condition, turbidity, odor, color): _____

Discharge water disposal: Sanitary Sewer Storm Sewer Other: WWTP

WELL SAMPLING

SAMPLING METHOD

Bailer - Type:
 Submersible Centrifugal Bladder; Pump

Same as above

Grab - Type: _____

Other - Type: _____

SAMPLING DISTRIBUTION

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments
<u>C06-MW3</u>	<u>3x100</u>	<u>8260</u>	<u>HCl</u>	<u>CAS</u>	<u>-</u>

QUALITY CONTROL SAMPLES

Duplicate Samples 1036

Original Sample No.	Duplicate Sample No.
<u>C06-MW3</u>	<u>ADE06-G-MW3</u>

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

 PROJECT NAME WECF 1001 #
 PROJECT MANAGER Patti Flaherty
 COMPANY/ADDRESS 4465 E. University ASH Building #100-101
4465 E. University ASH Building #100-101
4465 E. University ASH Building #100-101
 PHONE/FAX (602) 979-2428

 DATE 3-11-03 PAGE 1 OF 1
ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	PRESSER- VATION	NUMBER OF CONTAINERS		REMARKS
						BTEX 602/8021	Volatile Organics GC/MS 624/8260 ¹	
WECF 1	3/14/03	10:00 AM	H20	HCl	3	X	X	
WECF 2	3/14/03	10:00 AM	H2O	HCl	3	X	X	
WECF 3	3/13/03	10:00 AM	H2O	HCl	1	X	X	
WECF 4	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 5	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 6	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 7	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 8	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 9	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 10	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 11	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 12	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 13	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 14	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 15	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 16	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 17	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 18	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 19	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 20	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 21	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 22	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 23	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 24	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 25	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 26	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 27	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 28	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 29	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 30	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 31	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 32	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 33	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 34	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 35	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 36	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 37	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 38	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 39	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 40	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 41	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 42	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 43	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 44	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 45	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 46	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 47	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 48	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 49	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 50	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 51	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 52	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 53	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 54	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 55	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 56	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 57	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 58	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 59	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 60	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 61	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 62	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 63	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 64	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 65	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 66	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 67	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 68	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 69	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 70	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 71	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 72	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 73	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 74	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 75	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 76	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 77	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 78	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 79	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 80	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 81	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 82	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 83	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 84	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 85	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 86	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 87	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 88	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 89	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 90	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 91	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 92	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 93	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 94	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 95	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 96	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 97	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 98	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 99	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 100	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 101	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 102	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 103	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 104	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 105	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 106	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 107	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 108	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 109	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 110	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 111	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 112	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 113	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 114	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 115	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 116	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 117	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 118	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 119	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 120	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 121	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 122	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 123	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 124	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 125	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 126	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 127	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 128	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 129	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 130	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 131	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 132	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 133	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 134	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 135	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 136	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 137	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 138	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 139	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 140	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 141	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 142	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 143	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 144	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 145	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 146	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 147	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 148	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 149	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 150	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 151	3/13/03	10:00 AM	H2O	HCl	3	X	X	
WECF 152	3/13/03							